BRUHAT BANGALORE MAHANAGARA PALIKE
Byatarayanapura Division, Yelahanka Zone

Executive Engineer
Byatarayanapura Division
B.B.M.P. Bangalore

MODIFIED SCHEDULE -'B'

Name of Work: Improvements to Roads And Drains at Palannahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward No-05 Byatarayanapura Sub Division Package-01

Sl	Description	Unit	Approved Quantity	Approved rate BBMP	
				Rate	Rate in Words
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods	Cum	7441.99	213.9079	Rupees Two Hundred Thirteeen And Nine Zero Seven Nine Paise Only
2	Removing & Refixing Stone slabs of drains and pointing in CM (1:3) Complete as per specification and direction of the engineer in-charge of the work.	Sqm	6285.66	112.4130	Rupees One Hundred Twelve And Four One Three Zero Paise
3	Removing and resetting of footpath slabs complete as per specification and direction of the engineer in-charge of the work	Sqm	330.30	210.9082	Rupees Two Hundred Ten And Nine Zero Eight Two Paise
4	Providing Granite Slabs of selected quality Roughly dressed and fixed in cement mortor (1:6) including fixing curing etc., complete 7.5 cms thick complete as per specification and direction of the engineer in-charge of the work.	Sqm	697.11	749.4200	Rupees Seven Hundred Fourty Nine And Four Two Paise
5	Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour,HOM completed as per specifications	Cum	14.69	4524.3556	Rupees Four Thousand Five Hundred Twenty Four And Three Five Five Six Paise Only
6	Providing and Constructing granite /trap/basalt size stone masonry in foundation with cement mortor and stone hammered dressed in courses not less than 20Cms high bond stones at 2m apart in each course including cost of materials. Labours HOM, curing complete as per specification and direction of the engineer in-Charge of the work.	Cum	28.17	4920.4776	Rupees Four Thousand Nine Hundred Twenty And Four Seven Seven Six Paise Only
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69Cum and fine aggregates @ 0.459 Cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of all materials labour HOM Curing complete as per specifications and direction of the engineer in-charge of the work	Cum	0.00	5655.9798	Rupees Five Thousand Six Hundred Fifty Five And Nine Seven Nine Eight Paise Only

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	viding and laying in position plain/ Reinforced cement oncrete M20 for sub structure/superstructure works, with ement @ 320kgs 20mm & down size graded granite metal course aggregates @ 0.69 Cum and fine aggregates @ 0.46cum Machine mix complete as per specification and direction in charge of the work	Cum	39.71	5330.5174	Rupees Five Thousand Three Hundred Thirty And Five One Seven Four Paise Only
9	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for RCC work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design ans specification.	Tonnes	3.17	73050.2500	Rupees Seventy Three Thousand Fifty And Two Five Paise Only
10	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	239.13	5472.1800	Rupees Five Thousand Four Hundred Seventy Two And One Eight Paise Only
11	KSRRB M300-14.Excavation for roadwork in all types of soil by machinical means including cutting and loading to tippers, trimming bottomand sides slopes in accordance with requirments of lines grades and cross sections and transportations withn alead of 1.00km and complete as per specifications. MORTH Specification no.301 and 4kms lead for disposal	Cum	20944.11	54.8531	Rupees Fifty Four And Eight Five Three One Paise Only
12	KSRRB M400-17. Providing, Laying, Spreading and Compacting cushed stone aggregates of granite/ trap/basalt to wetmix macadam specifications including pre mixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base /base coarse on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification.	Cum	17762.45	2021.2928	Rupees Two Thousand Twenty One And Two Nine Two Eight Paise Only
13	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. clause 502 of MORTH V revision.	Sqm	72594.02	28.9062	Rupees Twenty Eight And Nine Zero Six Two Paise Only
14	Cleaning the existing black topped surface with Sqm brooms soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.clause 502 of MORTH V revision.	Sqm	38695.72	5.3530	Rupees Five And Three Five Three Zero Paise Only
15	Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications. clause 503 of MORTH V revision.	Sqm	112740.25	12.8472	Rupees Twelve And Eight Four Seven Two Paise Only

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16	ɔviding and laying dense graded bituminous macadam sing crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and alignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-ll (50mm to 75mm) with 4.5 % VG-30 Bitumen.	Cum	3401.10	6663.4144	Rupees Six Thousand Six Hundred Sixty Three And Four One Four Four Only
17	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading ll (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 bitumen(60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site laying with a paver finisher to required grade level and allignment rooling with smooth wheeled vibratory and tandem rollers to achive the desired compaction in all respects complete as per specifications	Cum	2901.14	7831.4390	Rupees Seven Thousand Eight Hundred Thirty One And Four Three Nine Zero Paise Only
18	Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous surface / concrete surface : providing and laying of hot applied thermo plastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35 standards specified.complete as per specifications.	Sqm	4587.47	459.2874	Rupees Four Hundred Fifty Nine And Two Eight Seven Four Paise Only

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